

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	4263	(photointerrupter or photo adj interrupter)	US-PGPUB; USPAT	OR	ON	2006/07/31 06:09
L5	758563	magnet\$2 or magnetically	US-PGPUB; USPAT	OR	ON	2006/07/31 06:10
L6	465	L4 same L5	US-PGPUB; USPAT	OR	ON	2006/07/31 06:44
L7	568	4 with switch	US-PGPUB; USPAT	OR	ON	2006/07/31 06:45
L8	1	"4919113".PN.	USPAT; USOCR	OR	ON	2006/07/31 06:52
L9	1	"4852551".PN.	USPAT; USOCR	OR	ON	2006/07/31 06:53
L10	1	"4844052".PN.	USPAT; USOCR	OR	ON	2006/07/31 06:53
L11	1	"4509507".PN.	USPAT; USOCR	OR	ON	2006/07/31 06:53
L12	1	"4402310".PN.	USPAT; USOCR	OR	ON	2006/07/31 06:54
L13	1	"5894322".PN.	USPAT; USOCR	OR	ON	2006/07/31 07:14
L14	1	"5868666".PN.	USPAT; USOCR	OR	ON	2006/07/31 07:14
L15	1	"5678568".PN.	USPAT; USOCR	OR	ON	2006/07/31 07:14
L16	1	"5053002".PN.	USPAT; USOCR	OR	ON	2006/07/31 07:15
L17	1	"4982726".PN.	USPAT; USOCR	OR	ON	2006/07/31 07:15
L18	23	"4982726".uref.	US-PGPUB; USPAT	OR	ON	2006/07/31 07:15
L19	138539	airtight or (air adj tight) or hermetic\$4	US-PGPUB; USPAT	OR	ON	2006/07/31 07:24
L20	17859	endoscope	US-PGPUB; USPAT	OR	ON	2006/07/31 07:24
L21	3847726	operat\$3 or body	US-PGPUB; USPAT	OR	ON	2006/07/31 07:24
L22	204	19 same 20 same 21	US-PGPUB; USPAT	OR	ON	2006/07/31 07:25

## EAST Search History

L25	49	(US-20050059858-\$ or US-20030016106-\$ or US-20040230214-\$ or US-20040210108-\$ or US-20030090352-\$ or US-20050168567-\$).did. or (US-4025885-\$ or US-4288767-\$ or US-6964510-\$ or US-4743931-\$ or US-6246307-\$ or US-5999072-\$ or US-4999599-\$ or US-4489297-\$ or US-4296394-\$ or US-3852692-\$ or US-3950719-\$ or US-3273091-\$ or US-4741206-\$ or US-4222121-\$ or US-6633438-\$ or US-6590763-\$ or US-6404311-\$ or US-5666096-\$ or US-4812804-\$ or US-4751485-\$ or US-6805665-\$ or US-6707371-\$ or US-4497988-\$ or US-4336518-\$ or US-4317969-\$ or US-4117430-\$).did. or (US-3792389-\$ or US-3720896-\$ or US-3711672-\$ or US-6498326-\$ or US-5440084-\$ or US-4346360-\$ or US-3676811-\$ or US-4798253-\$ or US-4034479-\$ or US-4189724-\$ or US-4982726-\$ or US-5728130-\$ or US-5898163-\$ or US-6929602-\$ or US-4545369-\$ or US-4779613-\$ or US-5701200-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/31 07:50
L26	21	25 and 19	US-PGPUB; USPAT	OR	ON	2006/07/31 07:51
S1	832	(335/205).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/29 07:29
S2	1	"20040120142".PN.	US-PGPUB	OR	ON	2006/07/29 07:13
S3	1	"20030230470".PN.	US-PGPUB	OR	ON	2006/07/29 07:13
S4	1	"20030106782".PN.	US-PGPUB	OR	ON	2006/07/29 07:13
S5	1	"6844686".PN.	USPAT; USOCR	OR	ON	2006/07/29 07:13
S6	1	"6614336".PN.	USPAT; USOCR	OR	ON	2006/07/29 07:13
S7	1	"6614336".PN.	USPAT; USOCR	OR	ON	2006/07/29 07:13
S8	1	"5276595".PN.	USPAT; USOCR	OR	ON	2006/07/29 07:13
S9	1	"4888986".PN.	USPAT; USOCR	OR	ON	2006/07/29 07:13
S10	1	"4408101".PN.	USPAT; USOCR	OR	ON	2006/07/29 07:14
S11	1	"4131771".PN.	USPAT; USOCR	OR	ON	2006/07/29 07:14

## EAST Search History

S12	1	"4489297".PN.	USPAT; USOCR	OR	ON	2006/07/29 07:26
S13	2	"3273091".PN.	USPAT; USOCR	OR	ON	2006/07/29 07:27
S14	2	"3205323".PN.	USPAT; USOCR	OR	ON	2006/07/29 07:27
S15	622454	hermetic\$4 or waterproof or sealed or airtight	US-PGPUB; USPAT	OR	ON	2006/07/29 07:30
S16	26427	magnet same switch	US-PGPUB; USPAT	OR	ON	2006/07/29 07:31
S17	5207	S15 and S16	US-PGPUB; USPAT	OR	ON	2006/07/29 08:36
S18	181	S1 and S15	US-PGPUB; USPAT	OR	ON	2006/07/29 08:01
S19	571971	actuator or button	US-PGPUB; USPAT	OR	ON	2006/07/29 08:01
S20	1006123	slid\$4	US-PGPUB; USPAT	OR	ON	2006/07/29 08:02
S21	58804	S19 with S20	US-PGPUB; USPAT	OR	ON	2006/07/29 08:02
S22	185	S21 same S16	US-PGPUB; USPAT	OR	ON	2006/07/29 08:02
S23	2293	S16 same S20	US-PGPUB; USPAT	OR	ON	2006/07/29 08:36
S24	586	S23 and S15	US-PGPUB; USPAT	OR	ON	2006/07/29 09:09
S25	1	"5920131".PN.	USPAT; USOCR	OR	ON	2006/07/29 08:57
S26	1	"4983812".PN.	USPAT; USOCR	OR	ON	2006/07/29 08:57
S27	1	"4812804".PN.	USPAT; USOCR	OR	ON	2006/07/29 08:57
S28	1	"4317016".PN.	USPAT; USOCR	OR	ON	2006/07/29 08:58
S29	1	"3711672".PN.	USPAT; USOCR	OR	ON	2006/07/29 08:58
S30	350	(606/42).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/29 09:10
S31	0	("magnet\$2ormagnetically").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/29 09:11
S32	758563	magnet\$2 or magnetically	US-PGPUB; USPAT	OR	ON	2006/07/29 09:11
S33	36	S30 and S32	US-PGPUB; USPAT	OR	ON	2006/07/29 09:14

## EAST Search History

S34	1454	606/1.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/29 09:14
S35	255	S32 and S34	US-PGPUB; USPAT	OR	ON	2006/07/29 09:15
S36	934673	switch	US-PGPUB; USPAT	OR	ON	2006/07/29 09:15
S37	104	S35 and S36	US-PGPUB; USPAT	OR	ON	2006/07/29 09:20
S38	142	600/112.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/29 09:23
S39	26	S32 and S38	US-PGPUB; USPAT	OR	ON	2006/07/29 09:23
S40	0	600/118,133,134	US-PGPUB; USPAT	OR	ON	2006/07/30 16:40
S41	439	(600/118,133,134).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/07/30 16:40
S42	11	((("4,288,767") or ("3,771,153") or ("4,025,885") or ("20030016106") or ("4,841,109") or ("6,577,214") or ("5,323,131") or ("5,693,923") or ("5.808,532") or ("5,844,184") or ("4,814,565") or ("6,008,458"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/07/30 17:09
S43	186	600/207.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/30 17:09
S44	534	335/207.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/30 17:09
S45	4263	(photointerrupter or photo adj interrupter)	US-PGPUB; USPAT	OR	ON	2006/07/30 18:16
S46	758563	magnet\$2 or magnetically	US-PGPUB; USPAT	OR	ON	2006/07/30 18:16
S47	1728	S45 and S46	US-PGPUB; USPAT	OR	ON	2006/07/30 18:16
S48	465	S45 same S46	US-PGPUB; USPAT	OR	ON	2006/07/31 06:10
S49	124366	hermetic or waterproof or (airtight or air adj tight)	US-PGPUB; USPAT	OR	ON	2006/07/30 18:17
S50	13	S48 and S49	US-PGPUB; USPAT	OR	ON	2006/07/30 18:17

## EAST Search History

S51	36	(US-20040230214-\$ or US-20050168567-\$ or US-20030090352-\$ or US-20050059858-\$ or US-20040210108-\$ or US-20030016106-\$).did. or (US-6964510-\$ or US-6707371-\$ or US-6590763-\$ or US-6404311-\$ or US-6246307-\$ or US-5440084-\$ or US-4999599-\$ or US-4497988-\$ or US-4346360-\$ or US-4336518-\$ or US-4317969-\$ or US-4296394-\$ or US-4117430-\$ or US-3950719-\$ or US-3852692-\$ or US-3792389-\$ or US-3676811-\$ or US-4489297-\$ or US-3273091-\$ or US-3720896-\$ or US-5999072-\$ or US-5666096-\$ or US-6805665-\$ or US-6633438-\$ or US-6498326-\$ or US-4751485-\$).did. or (US-4812804-\$ or US-3711672-\$ or US-4288767-\$ or US-4025885-\$).did.	US-PGPUB; USPAT	OR	ON	2006/07/30 18:28
S52	0	S51 and S45	US-PGPUB; USPAT	OR	ON	2006/07/30 18:29
S53	2769794	light ajd block\$3	US-PGPUB; USPAT	OR	ON	2006/07/30 18:30
S54	21	S51 and S53	US-PGPUB; USPAT	OR	ON	2006/07/30 18:30
S55	15106	light adj block\$3	US-PGPUB; USPAT	OR	ON	2006/07/30 18:30
S56	0	S51 and S55	US-PGPUB; USPAT	OR	ON	2006/07/30 18:30
S57	44254	type near2 switch	US-PGPUB; USPAT	OR	ON	2006/07/30 18:31
S58	15	S51 and S57	US-PGPUB; USPAT	OR	ON	2006/07/30 18:35
S59	2183798	alternative\$2	US-PGPUB; USPAT	OR	ON	2006/07/30 18:35
S60	76	S45 with S59	US-PGPUB; USPAT	OR	ON	2006/07/30 18:37
S61	934673	switch or switches	US-PGPUB; USPAT	OR	ON	2006/07/30 18:38
S62	568	S45 with S61	US-PGPUB; USPAT	OR	ON	2006/07/30 18:38